

# Cluster randomised controlled trial of an educational intervention to optimise antibiotic prescribing for acute cough

|                                        |                                                   |                                                                                                   |
|----------------------------------------|---------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <b>Submission date</b><br>15/10/2002   | <b>Recruitment status</b><br>No longer recruiting | <input type="checkbox"/> Prospectively registered<br><input type="checkbox"/> Protocol            |
| <b>Registration date</b><br>15/10/2002 | <b>Overall study status</b><br>Completed          | <input type="checkbox"/> Statistical analysis plan<br><input checked="" type="checkbox"/> Results |
| <b>Last Edited</b><br>09/10/2007       | <b>Condition category</b><br>Respiratory          | <input type="checkbox"/> Individual participant data                                              |

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

## Study information

**Scientific Title**

**Study objectives**

This study aims to establish a valid estimate of the effect of perceived patient demand on General Practitioners (GPs) antibiotic prescribing, specifically for patients consulting with acute cough as one of the most prominent complaints, and to contribute to the necessary understanding of this complex prescription decision.

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

This study was approved by the medical ethics committee of the University of Antwerp (A99-088).

**Primary study design**

Interventional

**Study design**

Randomised controlled trial

**Study type(s)**

Treatment

**Health condition(s) or problem(s) studied**

Acute cough

**Interventions**

Only the GPs in the intervention group received our guideline for the management of acute cough, followed by an educational outreach visit to discuss the implementation of the guideline and a postal reminder with the key message of the guideline.

**Intervention Type**

Other

**Phase**

Not Specified

**Primary outcome(s)**

The antibiotic prescribing rate by GPs for adult patients with acute cough.

**Key secondary outcome(s)**

1. Type of antibiotics prescribed, if any
2. Change in antibiotic prescribing affecting symptom resolution

**Completion date**

01/01/2002

**Eligibility****Key inclusion criteria**

Flemish GPs randomised participants into an intervention and a control group including:

1. Immunocompetent patients

2. Aged 18 - 65 years old
3. With a new or worsening cough present for less than 30 days as (one of the) most prominent complaint(s) and as the reason for a first encounter at the GPs practice

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Lower age limit**

18 Years

**Sex**

All

**Key exclusion criteria**

Not provided at time of registration

**Date of first enrolment**

01/01/2000

**Date of final enrolment**

01/01/2002

**Locations****Countries of recruitment**

Belgium

**Study participating centre**

Centre for General Practice

Antwerp

Belgium

B-2610

**Sponsor information****Organisation**

University of Antwerp (Belgium)

ROR

<https://ror.org/008x57b05>

## Funder(s)

### Funder type

Research organisation

### Funder Name

Fund for Scientific Research, Flanders (Belgium) - Samuel Coenen was research assistant

### Funder Name

The Scientific Society of Flemish General Practitioners (Belgium) - funded the development of the guideline for the management of acute cough

## Results and Publications

### Individual participant data (IPD) sharing plan

### IPD sharing plan summary

Not provided at time of registration

### Study outputs

| Output type                     | Details | Date created | Date added | Peer reviewed? | Patient-facing? |
|---------------------------------|---------|--------------|------------|----------------|-----------------|
| <a href="#">Results article</a> | Results | 01/03/2006   |            | Yes            | No              |